

UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE
AGRICULTURAL EXPERIMENT STATION

DEPARTMENT OF BOTANY
405 HILGARD AVENUE
LOS ANGELES 24, CALIFORNIA

February 23, 1955

Dr. Rosalind Franklin
Birkbeck College Crystallography Laboratory
21/22 Torrington Square
London, W.C.1., England

Dear Dr. Franklin:

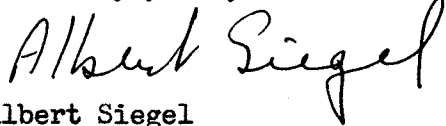
Thank you for letting us know of your interesting results. The strain which you have is U2. We sent it to you as a 1.7% virus solution in 0.1 ionic strength cacodylate buffer.

I am sending you some of our common strain which is referred to in our publications as U1. It is also made up in cacodylic acid buffer and is at a concentration of 31 mg per cc. We prepare our virus solutions by differential centrifugation of a leaf grindate.

You will notice that the preparation of U1 that we have sent is murky brown in appearance. This is due to an adsorbed host nucleoprotein. Should you desire to work with a colorless preparation the adsorbed host nucleoprotein can be gotten rid of as described in the accompanying separate. None of the properties that we have examined appear to be different for the colored and colorless preparations, such as infectivity, electrophoretic mobility, UV sensitivity, UV absorption, etc.

We would very much be interested in hearing of any further progress that you make with this material.

Sincerely yours,


Albert Siegel

AS/ss